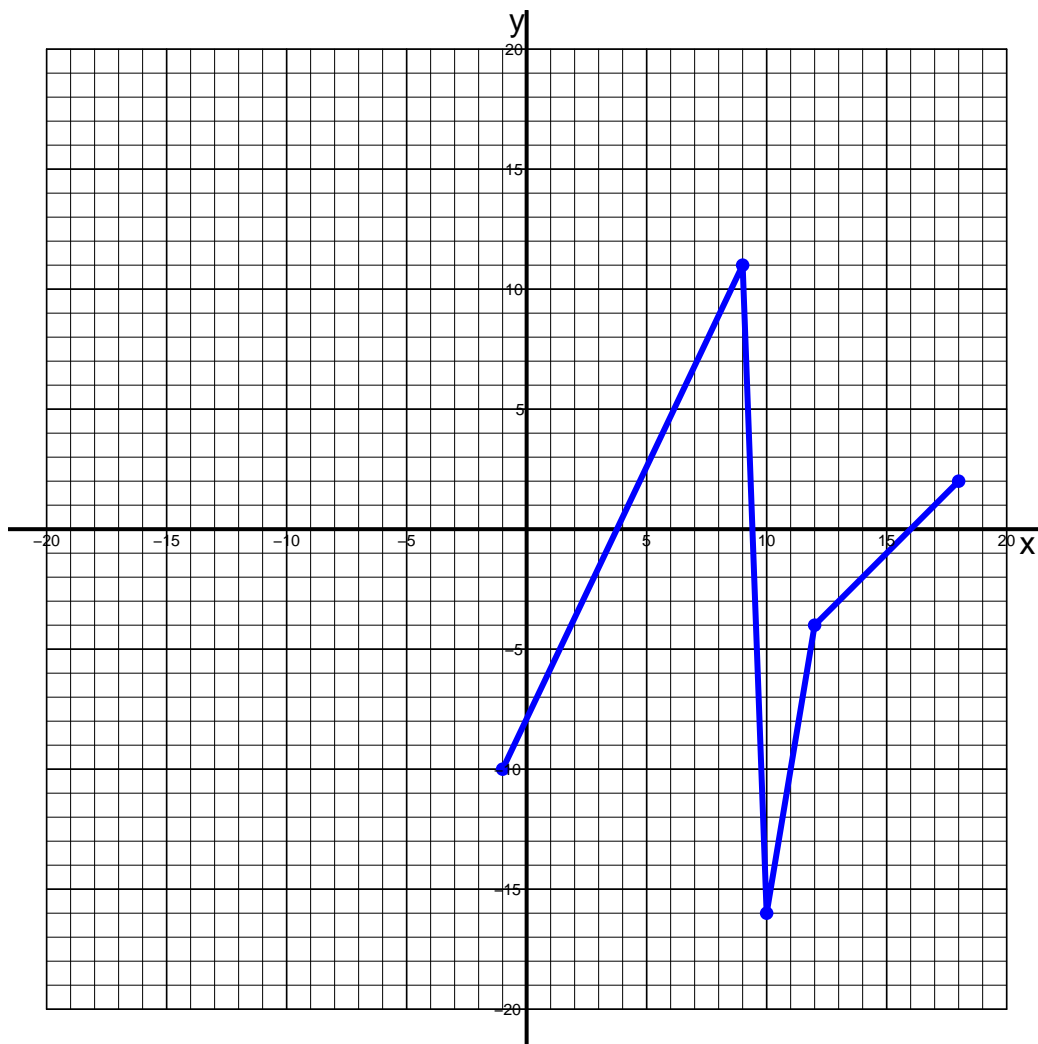Name: _____   Date: _____

PCW_09_23: Graphing Function Transformations (version 20)
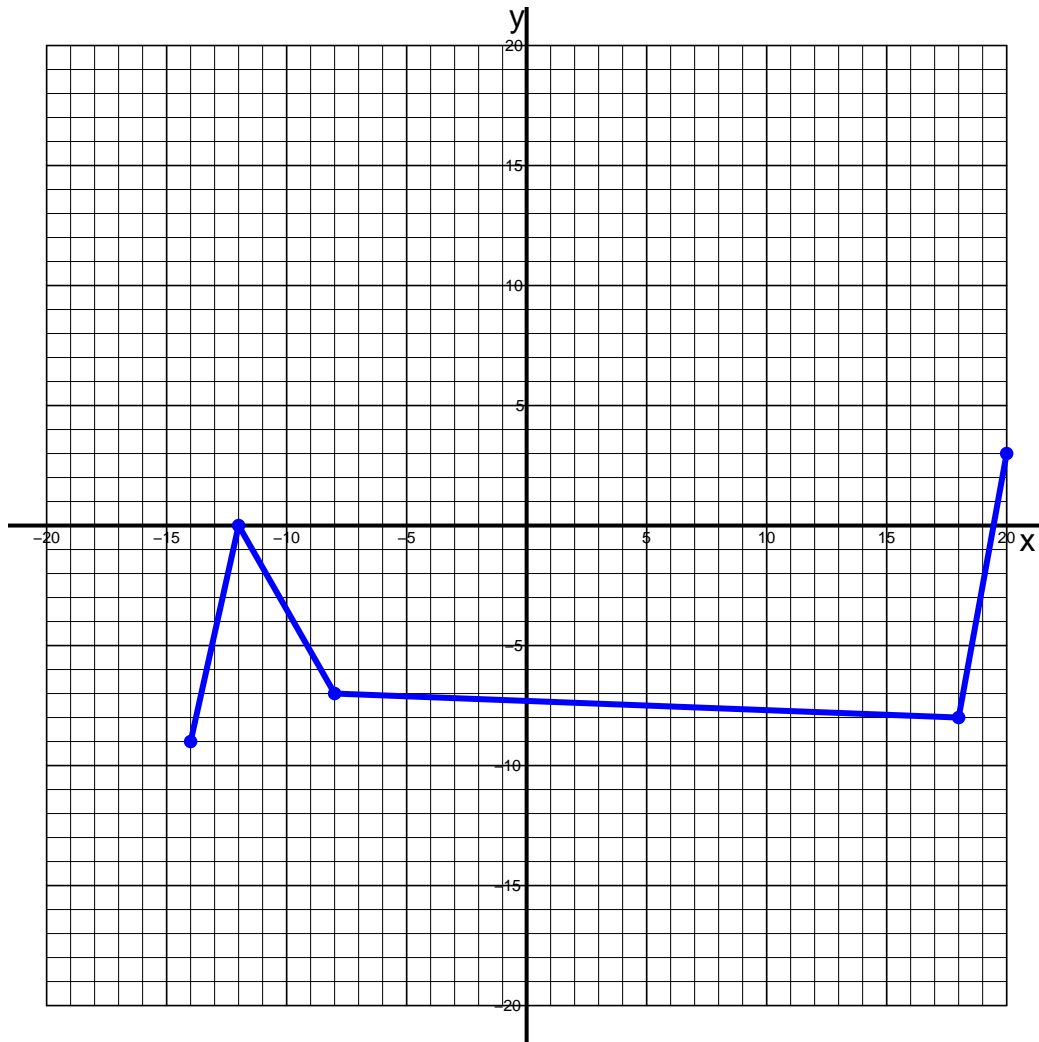
1. Curve $y = f[x]$ is plotted below.

On the same plane, please draw the curve represented by the equation below:

$$y = \frac{f\left[\frac{x}{2} + 9\right] - 5}{3}$$

1

PCW_09_23: Graphing Function Transformations (version 20)

2. Curve $y = f[x]$ is plotted below.

On the same plane, please draw the curve represented by the equation below:

$$y = 3 \cdot f[2\,(x - 6)] + 9$$